Honors Geometry

CW#3: Naming and Measuring Angles

Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ TP: \_\_\_\_\_\_\_

Complete the following problems in your notebook. When directions say to “draw this figure”, make sure to accurately copy the figure into your notebook with appropriate notation.

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| 1. Draw this figure and use it to answer questions a-b.      1. Use three letters to name all the angles that have point V as a vertex. 2. Jennifer claims that one of the angles in the figure can be written as ∠5. Do you agree or disagree? *Explain*. | | | | |
| 1. Draw this figure.  a) Choose the wrong name for this angle:     Explain the error below: | | | 1. Draw this figure.     C:\Users\kramos\Desktop\naming angles.PNGFor each angle named with a number, write two other names for that angle using letters.  example: ∠1: \_\_\_∠GMH\_\_\_ and \_\_\_\_\_\_\_\_\_\_   ∠2: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   ∠3: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   ∠4: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_   ∠5: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | |
| 1. a. Give another name for the angle in the diagram. b. Tell whether the angle appears to be *acute, obtuse, right,* or *straight.*   : a. \_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  : a. \_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  : a. \_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  : a. \_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | 1. a. Give another name for the angle in the diagram. b. Tell whether the angle appears to be *acute, obtuse, right,* or *straight.*     ∠*LKJ*: a. \_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ∠*JLK*: a. \_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ∠*KJL*: a. \_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ∠*MKL*: a. \_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ∠*JML*: a. \_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_  ∠*KMJ*: a. \_\_\_\_\_\_\_\_\_\_ b. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ | | |
| 1. Directions: Draw these figures. Without measuring, classify each angle as acute, right, obtuse, or straight. | | | | |
| a) | b) | c) | | d) |
| 1. ../../../../../Desktop/Screen%20Shot%202016-01-31%20at%2010.29.01%20AM%2 | | | | |
| 1. ../../../../../Desktop/Screen%20Shot%202016-01-31%20at%2010.29.35%20AMUse a protractor to find the measure of each of the indicated angles below: 2. m∠GFH   b) m∠HFJ   c) m∠JFK   d) m∠KFL | | | | |
| Directions: Measure each angle below and classify the angles as *acute, obtuse, right, or straight*. | | | | |
| 1. C:\Users\kramos\Desktop\angle1.PNG      1. C:\Users\kramos\Desktop\angle2.PNG | | C:\Users\kramos\Desktop\angle3.PNG  12.  C:\Users\kramos\Desktop\angle4.PNG | | |